

CITY of NOVI CITY COUNCIL

**Agenda Item H
September 26, 2011**

SUBJECT: Approval of final payment to H2O Irrigation, Inc. for the Fuerst Park Irrigation Improvements project in the amount of \$9,374.21.

SUBMITTING DEPARTMENT: Department of Public Services, Engineering Division ^{R24} Parks, Recreation and Cultural Services ^{BIC}

CITY MANAGER APPROVAL: 

EXPENDITURE REQUIRED	\$40,005
AMOUNT BUDGETED	\$323,000
LINE ITEM NUMBER	208-691.00-974.050

BACKGROUND INFORMATION:

This project included a portion of the second phase of the development of Fuerst Park, approved in the FY2010-11 Capital Improvement Program. Johnson Hill Land Ethics Studio (JHLE) assisted staff with the design and layout of the park irrigation and lighting components of Fuerst Park Phase 2. The park lighting project was awarded as a separate contract. The construction contract was awarded to H2O Irrigation, Inc. at the April 4, 2011 City Council meeting in the amount of \$44,960.

The project was administered and inspected using in-house Engineering staff. The contractor has completed all contract items for the project and has submitted the applicable documentation for final payment (attached).

There were two (2) approved change orders resulting in a net decrease of \$4,954.84 to the construction contract. The first change order was approved on May 25, 2011 for an increase of \$3,835.16 to irrigate an additional area of the park. The second change order resulted in a decrease of \$8,790.00 for the removal of contract items that were determined to be unnecessary due to field changes during construction. The approved change orders resulted in a final contract price of \$40,005.16.

RECOMMENDED ACTION: Approval of final payment to H2O Irrigation, Inc. for the Fuerst Park Irrigation Improvements project in the amount of \$9,374.21.

	1	2	Y	N
Mayor Landry				
Mayor Pro Tem Gatt				
Council Member Fischer				
Council Member Margolis				

	1	2	Y	N
Council Member Mutch				
Council Member Staudt				
Council Member Wrobel				

SECRET

SW
WARDLE

September 15, 2011

30903 Northwestern Highway
P.O. Box 3040
Farmington Hills, MI 48333-3040
Tel: 248-851-9500
Fax: 248-851-2158
www.secretwardle.com

Suzanne Moreno, Finance Department
City of Novi
45175 West Ten Mile Road
Novi, Michigan 48375

Elizabeth M. Kudla
Direct: 248-539-2846
bkudla@secretwardle.com

**Re: Fuerst Park Phase 2 Improvements - Irrigation
H2O Irrigation, Inc.
Our File No. 55142 NOV**

Dear Ms. Moreno:

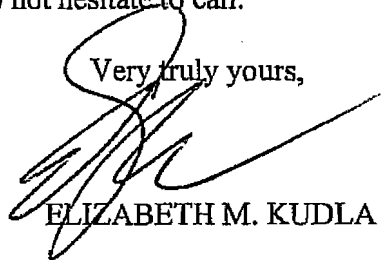
We have received and reviewed the following closing documents for the Fuerst Park Phase 2 Improvements - Irrigation Contract:

- Change Orders No. 1 and No. 2
- Application for Final Payment
- Maintenance and Guarantee Bond
- Waivers of Lien
- Consent of Surety to final payment
- Contractor's Sworn Statement

Subject to the approval of the Final Pay Estimate by City staff, the closing documents appear to be in order.

Please let us know if you need anything additional or if you have any questions regarding the above, please do not hesitate to call.

Very truly yours,



ELIZABETH M. KUDLA

EMK

C: Clay Pearson, City Manager
Kathy Smith-Roy, Finance Director
Marina Neumaier, Assistant Finance Director
Aaron Staup, Construction Engineering Coordinator
Nathan Bouvy, Staff Engineer
Thomas R. Schultz, Esquire

1716810_1.doc



CITY OF NOVI

26300 Delwal Drive
 Novi, Michigan 48375
 Tel: (248) 347-0454
 Fax: (248) 735-5659

APPLICATION FOR FINAL PAYMENT

PROJECT: Fuerst Park Phase 2 - Irrigation **NOVI PROJECT NO.:** **PAYMENT NO.:** FINAL

OWNER: City of Novi **ENGINEER:** Johnson Hill Land Ethics Studio **CONTRACTOR:** H2O Irrigation, Inc.
 45175 W. Ten Mile Road 516 East Washington Street 14280 Industrial Center Drive
 Novi, Michigan 48375 Ann Arbor, Michigan 48104 Shelby Township, Michigan 48315

CONTRACT AMOUNT **COMPLETION DATE** **DATES OF ESTIMATE**

ORIGINAL: \$ 44,960.00 **ORIGINAL:** June 1, 2011 **FROM:** August 15, 2011

REVISED: \$ 40,005.16 **REVISED:** June 3, 2011 **TO:** September 15, 2011

SECTION 1. COST OF COMPLETED WORK TO DATE

Item No.	Description of Item	Unit	CONTRACT ITEMS (Original)			CONTRACT ITEMS (Revised)			THIS PERIOD			TOTAL TO DATE			
			Quantity	Cost/Unit	Total Amt	Quantity	Cost/Unit	Total Amt	Quantity	Amount	%	Quantity	Amount	%	
0															
1	Mobilization/General Conditions	LS	1	\$ 200.00	\$ 200.00	1	\$ 200.00	\$ 200.00				1	\$ 200.00	100%	
2	2" Mainline, piping, wiring, etc.	LS	1	\$ 6,800.00	\$ 6,800.00	1	\$ 6,800.00	\$ 6,800.00	0.15	\$ 1,020.00	15%	1	\$ 6,800.00	100%	
3	Controller, rain sen., set-up, etc.	LS	1	\$ 3,900.00	\$ 3,900.00	1	\$ 3,900.00	\$ 3,900.00	0.15	\$ 585.00	15%	1	\$ 3,900.00	100%	
4	RPA, meter install, enclosure, etc.	LS	1	\$ 3,000.00	\$ 3,000.00	1	\$ 3,000.00	\$ 3,000.00	0.15	\$ 450.00	15%	1	\$ 3,000.00	100%	
5	Area A, complete	LS	1	\$ 1,200.00	\$ 1,200.00	1	\$ 1,200.00	\$ 1,200.00	0.15	\$ 180.00	15%	1	\$ 1,200.00	100%	
6	Area B, complete	LS	1	\$ 4,000.00	\$ 4,000.00	1	\$ 4,000.00	\$ 4,000.00	0.15	\$ 600.00	15%	1	\$ 4,000.00	100%	
7	Tap Fee Allowance	EA	2	\$ 2,545.00	\$ 5,090.00	0	\$ 2,545.00								
8	Water Connection Fee Allowance	EA	2	\$ 1,850.00	\$ 3,700.00	0	\$ 1,850.00								
9	Area C, complete (A1)	LS	1	\$ 9,370.00	\$ 9,370.00	1	\$ 9,370.00	\$ 9,370.00	0.15	\$ 1,405.50	15%	1	\$ 9,370.00	100%	
10	Area D, complete (A2)	LS	1	\$ 3,000.00	\$ 3,000.00	1	\$ 3,000.00	\$ 3,000.00	0.15	\$ 450.00	15%	1	\$ 3,000.00	100%	
11	Area E, complete (A3)	LS	1	\$ 4,700.00	\$ 4,700.00	1	\$ 4,700.00	\$ 4,700.00	0.15	\$ 705.00	15%	1	\$ 4,700.00	100%	
12															
13	Change Order No. 1														
14	Extend mainline and quick coupler	LS				1	\$ 370.82	\$ 370.82	0.15	\$ 55.62	15%	1	\$ 370.82	100%	
15	Additional zones in Area C	LS				1	\$ 3,464.34	\$ 3,464.34	0.15	\$ 519.65	15%	1	\$ 3,464.34	100%	
16															
17															
18															
19															
20															
21															
22															
23															
24															
TOTAL THIS SHEET				\$ 44,960.00	\$ 44,960.00		\$ 40,005.16	\$ 40,005.16		\$ 5,970.77			\$ 40,005.16	100%	



CITY OF NOVI

26300 Delwal Drive
Novi, Michigan 48375
Tel: (248) 347-0454
Fax: (248) 735-5659

Section 2.

APPLICATION FOR FINAL PAYMENT

PROJECT: Fuerst Park Phase 2 - Irrigation

NOVI PROJECT NO.:

PAYMENT NO.:

FINAL

Original Contract Amount: \$ 44,960.00
Change Orders: \$ (4,954.84)
Adjusted Contract Amount to Date: \$ 40,005.16
Total Cost of Work Performed to Date: \$ 40,005.16
MINUS Retainage: 0% \$ -
MINUS Inspection "Crew Days": To Date \$ -
This Pay
Net Amt. Earned of Contract and Extra Work to Date: \$ 40,005.16
PLUS Value of Materials Stored at Close of Period: \$ -
Subtotal: \$ 40,005.16
MINUS Amount of Previous Payments: \$ 30,630.95
1 \$ 25,257.25
2 \$ 5,373.70
3 \$ -
4 \$ -
5 \$ -
6 \$ -
7 \$ -
8 \$ -
9 \$ -
10 \$ -

CHANGE ORDERS

Table with 3 columns: No., Date, Amount. Contains 2 rows of change order data.

TOTAL: \$ (4,954.84)

Table with 2 columns: Description, Value. Rows for Inspection "Crew Days" Allowed per Contract, Used to Date, and Remaining.

BALANCE DUE THIS PAYMENT:

\$ 9,374.21



CITY OF NOVI

26300 Delwal Drive
Novi, Michigan 48375
Tel: (248) 347-0454
Fax: (248) 735-5659

Section 3.

APPLICATION FOR PROGRESS PAYMENT

PROJECT: Fuerst Park Phase 2 - Irrigation

NOVI PROJECT NO.:

PAYMENT NO.:

3

The undersigned CONTRACTOR certifies that: (1) Any previous progress payments received from OWNER on amount of Work done under the Contract referred to above have been applied to discharge in full all obligations of CONTRACTOR incurred in connection with Work covered by prior Applications for Payment; (2) title to all Work, materials, and equipment incorporated in said Work of otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all liens, claims, security interest, and encumbrances (except such as are covered by Bond acceptable to OWNER indemnifying OWNER against any such lien, claim security interest, or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective as that term is defined in the Contract Documents.

Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

CITY OF NOVI

By: Aaron J. Staup, Construction Engineering Coordinator

Dated:

9/15/11

H2O Irrigation

Date:

9-6-11

Contractor Company

Contractor Authorized Signature

By:

Print Name

Mike Rutkowski

By:

Brian Coburn, Engineering Manager

Dated:

9/14/11

Consultant Firm

Consultant Authorized Signature

By:

Print Name

MAINTENANCE AND GUARANTEE BOND

KNOW ALL MEN BY THESE PRESENTS, that we H2O Irrigation, Inc.
14280 Industrial Drive, Shelby Twp., MI 48316
hereinafter called the "Principal", and _____
Western Surety Company, P.O. Box 5077, Sioux Falls, SD 57117

hereinafter called the "Surety," are held and firmly bound unto

CITY OF NOVI, MICHIGAN

Hereinafter called the "OWNER," as Obligee, for the just and full sum of _____

Forty Four Thousand Nine Hundred Sixty and 00/100ths _____ Dollars (\$ 44,960.00)
for the payment whereof, well and truly to be made, we bind ourselves, our heirs, executors,
administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above named Principal was awarded a Contract by the OWNER dated the _____
day of _____, for the construction of

Fuerst Park Phase 2 Improvements
Underground Irrigation

AND WHEREAS, this Contract was awarded upon the express condition that the
Principal would furnish a *one* (1) year Maintenance Bond from the date of formal acceptance by the City
Council to repair or replace any deficiencies in Labor or Material;

AND WHEREAS, the Principal warrants the workmanship and all materials used in the
construction installation, and completion of said project to be of good quality and constructed and
completed in a workmanlike manner in accordance with the standards, specifications and requirements of
the said job;

NOW, THEREFORE, the condition of this obligation is such that if the above Principal
shall replace such defective material and shall repair all defects due to defective workmanship and/or
materials that shall occur on or before one (1) year of final acceptance by OWNER through resolution of
the City Council, then this obligation shall be void, otherwise to be and remain in full force, effect and
virtue.

If the Principal does not correct defects reported in writing by the OWNER to the Principal and Surety by
repair or replacement as directed by the OWNER within the time required, which shall not be less than
seven (7) days from service of the notice, the OWNER shall have the right to perform or secure the
performance of the corrections, with all costs and expenses in doing so, including an administrative fee
equal to twenty-five percent (25%) of the repair costs, charged to and to be received from the Principal or
Surety.



Emergency repairs that are necessary to protect life and property may be undertaken by the OWNER immediately and without advance notice to the Principal and Surety, with the cost and expense of the repair, plus the administrative fee, to be charged to and received from the Principal and Surety.

Any repairs the OWNER may perform as provided in this Bond may be by OWNER employees, agents, or independent CONTRACTORS. The OWNER shall not be required to utilize competitive bidding unless otherwise required by applicable law, with labor cost and expense charges when OWNER employees are utilized to be based on the hourly cost to the OWNER of the employee(s) performing the repair.

It is further condition of this Bond that the Principal and Surety shall fully indemnify, defend, and hold the OWNER, its agents and other working on the OWNER'S behalf, harmless from all claims for damages or injuries to persons or property arising from or related to defects in work or materials, the correction of which are covered and guaranteed by this Bond, including claims arising under the worker's compensation laws of the State of Michigan.

Signed and Sealed this 6th day of April, 2011.

In the Presence of:

WITNESS

Sandra Rutkush
Brandon Rutkowski
Jennifer A. Gareffa

Jennifer A. Gareffa

Kristen De Long

Kristen De Long

Bond No. 71090332

(fill-in name of construction CONTRACTOR).

H2O Irrigation, Inc.

Principal

Title

Western Surety Company

Surety

Title Kathleen M. Irehan, Attorney-In-Fact

P.O. Box 5077

Address of Surety

Sioux Falls, SD 57117

City

Zip Code



SWORN STATEMENT

STATE OF Michigan)

)SS

COUNTY OF Macomb)

Mike Rulkowski, being sworn, states the following:

H2O Irrigation Inc, is the contractor for an improvement to the following
real property in Oakland County, Michigan, described as follows:

Fuerst Park Phase 2 - Irrigation corner of Ten Mile & Taft Road Novi, MI
(Insert legal description from Notice of Commencement or name and address of the Project.)

That the following is a statement of each subcontractor and supplier and laborer for whom payment of wages or fringe benefits and withholdings is due but unpaid, with whom the contractor/subcontractor has contracted/subcontracted for performance under the contract with the owner or lessee of the property, and that the amounts due to the persons as of the date of this statement are correctly and fully set forth opposite their names as follows:

Name of subcontractor, supplier or laborer	Type of Improvement furnished	Total contract price	Amount already paid	Amount currently owing	Balance to complete (optional)	Amount of laborer wages due but unpaid	Amount of laborer fringe benefits and withholdings due but unpaid
H2O Irrigation	Labor	\$ 36,263.44	\$ 36,263.44	-		0	0
John Deere Landscapes	supplies	\$ 3,742.83	\$ 3,742.83	-		0	0
TOTALS		\$ 40,006.27	\$ 40,006.27				

There are no subcontractors and/or suppliers other than those listed above.
All of our wages, benefits, fringes, taxes, and withholdings are paid in full as per the contract.

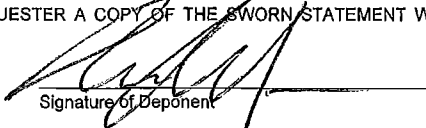
(Some columns are not applicable to all persons listed)

The contractor has not procured material from, or subcontracted with, any person other than those set forth, and owes no money for the improvement other than the sums set forth.

I make this statement as the contractor or as supplier/subcontractor of the contractor/subcontractor to represent to the owner or lessee of the property and his or her agents that the property is free from claims of construction liens, or the possibility of construction liens, except as specifically set forth in this statement and except for claims of construction liens by laborers that may be provided under section 109 of the construction lien act 1980, P.A. 497, MCL 570.1109.

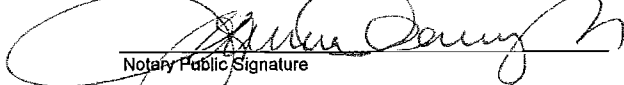
WARNING TO OWNER OR LESSEE: AN OWNER OR LESSEE OF THE PROPERTY SHALL NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUBCONTRACTOR, SUPPLIER, OR LABORER WHO HAS PROVIDED A NOTICE OF OR A LABORER WHO MAY PROVIDE A NOTICE OF FURNISHING UNDER SECTION 109 OF THE CONSTRUCTION LIEN ACT 1980 P.A.497, MCL 570.1109, TO THE DESIGNEE OR TO THE OWNER OR LESSEE IF THE DESIGNEE IS NOT NAMED OR HAS DIED.

IF THIS SWORN STATEMENT IS IN REGARD TO A RESIDENTIAL STRUCTURE, ON RECEIPT OF THE SWORN STATEMENT, THE OWNER OR LESSEE, OR THE OWNER'S OR LESSEE'S DESIGNEE, MUST GIVE NOTICE OF ITS RECEIPT, EITHER IN WRITING, BY TELEPHONE, OR PERSONALLY, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING UNDER SECTION 109 OR, IF A NOTICE OF FURNISHING IS EXCUSED UNDER SECTION 108 OR 108A, TO EACH SUBCONTRACTOR, SUPPLIER, AND LABORER NAMED IN THE SWORN STATEMENT. IF A SUBCONTRACTOR, SUPPLIER, OR LABORER WHO IS ENTITLED TO NOTICE OF RECEIPT OF THE SWORN STATEMENT MAKES A REQUEST, THE OWNER, LESSEE, OR DESIGNEE SHALL PROVIDE THE REQUESTER A COPY OF THE SWORN STATEMENT WITHIN 10 BUSINESS DAYS AFTER RECEIVING THE REQUEST.


Signature of Deponent

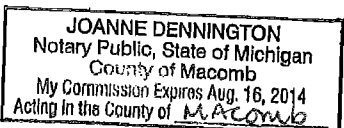
WARNING TO DEPONENT: A PERSON, WHO GIVES A FALSE SWORN STATEMENT WITH THE INTENT TO DEFRAUD IS SUBJECT TO CRIMINAL PENALTIES AS PROVIDED IN SECTION 110 OF THE CONSTRUCTION LIEN ACT, 1980 PA 497, MCL

Subscribed and sworn to before me on this
2ND day of September in the year 2011



Notary Public Signature

Joanne Dennington
Notary Public Name
Macomb County, State of MICHIGAN
My commission expires 8-16-2014
Acting in the county of MACOMB, in the state of MICHIGAN



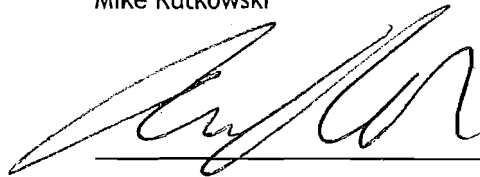
FULL UNCONDITIONAL WAIVER

MY / OUR CONTRACT with City of Novi
to provide Underground Irrigation
for the improvement of the property described as :
Fuerst Park Phase 2 - Irrigation
having been fully paid and satisfied, all my / our construction lien rights or
bond claim rights against such property are hereby waived and released.

(Name of subcontractor / supplier)

H2O Irrigation, Inc.

Mike Rutkowski



(Signature of lien claimant)

Address: _14280 Industrial Center Drive
Shelby Twp., MI 48315

Telephone: 586-532-0230

Signed on: 9-7-11

DO NOT SIGN BLANK OR INCOMPLETE FORMS

RETAIN A COPY

UNCONDITIONAL FINAL WAIVER AND RELEASE OF LIEN

STATE OF GEORGIA
COUNTY OF FORSYTH

THE UNDERSIGNED LIENOR, in consideration of the final payment in the amount of **\$10.00**, hereby waives and releases its lien and right to claim a lien for labor, services or materials furnished to **H2O Irrigation Inc.** on the **Fuerst Park Phase Two Improvements** project to the following described property:

**FUERST PARK
PHASE TWO IMPROVEMENTS
CORNER OF TEN MILE AND TAFT ROAD
NOVI, MI 48375**

Dated on September 1, 2011

John Deere Landscapes

1060 Windward Ridge Pkwy.
Suite 170
Alpharetta, GA 30005

By: Jessica Allen
Jessica Allen
Its: Risk & Recovery Analyst

The foregoing instrument was acknowledged before me September 1, 2011, by Jessica Allen, who is personally known to me.

Laurel Bell
Notary Public, State of Georgia
My Commission Expires: 11/11/2012





CHANGE ORDER No. 1

Project: Fuerst Park Phase 2 Improvements - Irrigation

Owner: City of Novi
26300 Delwal Drive
Novi, Michigan 48375
(248) 735-5632

Engineer: Johnson Hill Land Ethics Studio
516 East Washington Street
Ann Arbor, MI. 48104
(734) 668-7416

Contractor: H2O Irrigation, Inc.
14280 Industrial Center Drive
Shelby Township, MI. 48315
(586) 532-0230

Drafted Date: May 25, 2011

Description/Reasoning: Extend mainline and add a quick coupler in the wildflower area as well as install additional zones around the wildflower area which was deleted (Area C), including all spray heads, valves, lateral piping, decoders, etc.

To the Contractor: You are hereby directed to comply with the changes to the contract documents. This change order reflects work completed or anticipated. Documentation supporting these changes are on file with the City of Novi's Engineer. Current project plans and specifications will be adhered to unless specifically changed by this change order document.

THE CONTRACT AMOUNT SHALL BE CHANGED BY THE SUM OF:	\$3,835.16
ORIGINAL CONTRACT AMOUNT:	\$44,960.00
SUM OF PREVIOUS APPROVED CHANGE ORDERS:	\$0.00
REVISED CONTRACT AMOUNT:	\$48,795.16

THE CHANGES ADDRESSED BY THIS CHANGE ORDER HEREBY INCREASE THE CONTRACT TIME BY: 2 Day(s) to Substantial or Final Completion

Where applicable, attach the corresponding number of Work Change Directive to this Change Order.

Accepted By: Date: 6/6/11
Mike Rutkowski - H2O Irrigation, Inc.

Prepared By: Date: 5/25/11
Aaron J. Staup, Construction Engineer

Recommended By: Date: 5/25/11
Aaron J. Staup, Construction Engineer

Approved By: Date: 5/25/11
Brian Coburn, P.E., Engineer Manager

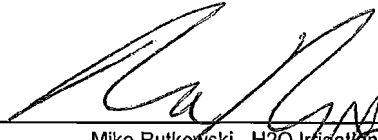
New Contract Items

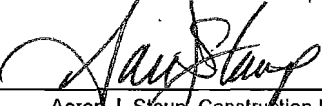
Item No.	Item Description	Unit	Unit Price	Quantity	Contract Price	
					Add	Deduct
12	Extend Mainline and Quick Coupler	LS	\$370.82	1	\$370.82	
13	Additional zones in Area C	LS	\$3,464.34	1	\$3,464.34	
Subtotals					\$3,835.16	\$0.00
Total					\$3,835.16	

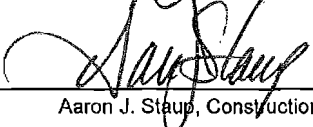
(\$3,835.16 is 8.5% increase in contract cost)


Estimated Increase/Decrease in Contract Price	\$3,835.16
Original Contract Amount	\$44,960.00
Sum of Previous Approved Change Orders	\$0.00
Estimated Revised Contract Amount	\$48,795.16

***Final approved amounts in Contract Price must be formalized by way of a Change Order; especially any that exceed the Original Contract Price or 10% of the Contract Price, in sum.**

Accepted By:  Date: 6/6/11
 Mike Rutkowski - H2O Irrigation, Inc.

Prepared By:  Date: 5/25/11
 Aaron J. Staup, Construction Engineer

Recommended By:  Date: 5/25/11
 Aaron J. Staup, Construction Engineer

Approved By:  Date: 5/25/11
 Brian Coburn, P.E., Engineer Manager



CHANGE ORDER No. 2

Project: Fuerst Park Phase II - Irrigation

Owner: City of Novi
26300 Delwal Drive
Novi, Michigan 48375
(248) 735-5632

Engineer: Johnson Hill Land Ethos Studio
516 East Washington Street
Ann Arbor, Michigan 48104

Contractor: H2O Irrigation, Inc.
14280 Industrial Center Drive
Shelby Township, Michigan 48315

Drafted Date: September 14, 2011

Description/Reasoning: Water service for the park is now being served from the existing Library well and did not have to be connected to City water. Therefore, the tap and water connection fee allowances are being deducted from the contract.

To the Contractor: You are hereby directed to comply with the changes to the contract documents. This change order reflects work completed or anticipated. Documentation supporting these changes are on file with the City of Novi's Engineer. Current project plans and specifications will be adhered to unless specifically changed by this change order document.

THE CONTRACT AMOUNT SHALL BE CHANGED BY THE SUM OF:	-\$8,790.00
ORIGINAL CONTRACT AMOUNT:	\$44,960.00
SUM OF PREVIOUS APPROVED CHANGE ORDERS:	\$3,835.16
REVISED CONTRACT AMOUNT:	\$40,005.16

THE CHANGES ADDRESSED BY THIS CHANGE ORDER HEREBY INCREASE THE CONTRACT TIME BY: Day(s) to Substantial or Final Completion

Where applicable, attach the corresponding number of Work Change Directive to this Change Order.

Accepted By: Michael Anthony Date: 9/14/11
General Contractor

Prepared By: N/A Date: _____
Consulting Engineer

Recommended By: Atch J. Staup Date: 9/14/11
Atch J. Staup, Construction Engineer

Approved By: B. Coburn Date: 9/14/11
Brian Coburn, P.E., Engineer Manager

